

Alignment Specifications

We have listed the factory specifications and our suggestions for the most common larger tire sizes often fitted to older Alfas. For the 1991-93 164, we have listed the 1994-95 LS specifications. They are the updated specs that Alfa lists for all 164's. We have found them to be less "twitchy" when driving hard. Upper adjustable arms are necessary to properly align a 105/115 chassis car. More caster will make the car less sensitive to ridges in the asphalt, sometimes a problem with larger tires.

For proper steering angles on the 750/101 and 105/115 chassis, adjust the tie rods and center track rod, measured between the centers of the tie-rod ends, to the following lengths before aligning the front suspension.

750/101 Tie rod length: 265 - 285 mm. **Center track rod:** 470 - 490 mm. **105/115 Tie rod length:** 265 - 280 mm. **Center track rod:** 530 - 550 mm

Year	Model	Tire Size	Toe-in	Camber	Caster
1956-1965	Giulietta/101 Giulia	155/78-15	1/8"	0°	1° to 1.5°
1956-1965	Giulietta/101 Giulia	185/65-15	1/16"	1/4°	1° to 1.5°
1965-68	105 Giulia	165/78-15	-3 mm	-1/10° to -1/2°	1° to 2°
1969-94	1750-2000 115	185/75-14	-3 mm	-1/2°	2°
1985-94	2000 Spider	195/65-15	-3 mm	-1/2°	1° to 1.5°
1965-94	105/1750/2000 115	205/60-14	1/8"	-1/2°	2° to 3°
1981-89	GTV/6, Milano	195-205/55-15	1/16"	-1/2°	4.5°
1991-95	Front 164/164 LS	195-205/55-15	0	-1.1° to -2.4°	1° to 2.5°
1991-95	Rear 164/164 LS	195-205/55-15	+4mm to +6mm	+ 0.1° to -1.8°	

Brake Rotor Thickness

Specification	1600 105 Series		1750/2000 115 Series		ALFETTA 116 Series		GTV6 Milano		164	
	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear
Original Rotor Thickness, mm	11	9.5	12.5	9.5	10.9	9.8	22	10.9	22	9.75
Minimum Rotor Thickness After Regrinding, mm (2)	10	8.5	11.5	8.5	10	9	20	9	21.2	9.5
Minimum Rotor Thickness (Wear Limit), mm			10.7	7.5	9	8	19	8	20.2	9
Maximum Run-Out on Friction Surface, mm (1)			.22		.22		.22		.03	

(1) Run-out on front rotors must be checked with proper wheel bearing clearance or readings may be misleading.

(2) When discs are resurfaced an equal amount of material must be removed from each side.